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TECHNO-ECONOMIC SURVEY OF KERALA

COMPARATIVE POSITION OF BIRTH AND DEATH RATES

		Average birth rate per year per 1,000 persons	Average death rate per year per 1,000 persons
1941-51	All-India	41.3	24.9
	Kerala	38.2	19.9
1951-56	All-India	41	25
	Kerala	38	17

SOURCE: NCEAR calculations based on Census data and corrected birth and death registration data.

1.18 In fact comparative data for the different States shows that the death rate in Kerala is the lowest in the whole of India. The death rate is lowest in Kerala, presumably because of the generally high standard of hygiene of the people of this area. The erstwhile States of Travancore and Cochin had long followed a progressive policy in the field of providing public amenities such as medical facilities, sanitation, etc. Since the standards of literacy as well as the average level of intelligence are fairly high in Kerala, with a more vigorous family planning programme it should be possible to bring down the birth rate within a shorter span of time than in many other parts of India.

Rural-Urban Breakdown

1.19 Only 13.5 per cent of Kerala's population lived in urban areas against 17.38 per cent of all-India, according to the Census of 1951. This difference seems to have narrowed down during the last decade, the proportion of urban population in Kerala having risen to 15.03 per cent by 1961, while it rose to only 17.84 per cent for the whole of India.¹

1.20 The villages in Kerala are unique in size. According to the Census of 1951 as high as 13 per cent of villages had a population exceeding 5,000 persons against only 0.38 per cent of such villages in the whole of India. However, there are some redeeming features which prevent the countryside from presenting an appearance of over-congestion. The villages in Kerala are of a different type than is usual in the rest of India. The homesteads are generally not clustered together but are dotted almost all over the countryside. This spread out of population keeps living conditions healthy and clean in the rural areas.

STATE INCOME, OCCUPATIONAL DISTRIBUTION AND
LABOUR PRODUCTIVITY

1.21 The State income of Kerala in 1955-56 has been estimated at Rs. 351.6 crores² at the current prices (Table 3). This is roughly 3.4 per cent of the National Income of India (Rs. 9,980 crores) for the same year. For an area which is only

¹ It may be noted that this is only a broad conclusion as the definitions of urban areas in Census of 1951 and of 1961 are not identical.

² See Appendix 2 for details.

THE SETTING

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the uneven nature of the terrains. Along the coastal strip, inland waterways are the ideal means of transporting lighter commodities. 800
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1.49 It is well known that in standards of literacy Kerala is ahead of all the other States of India. The literate population is 46.2 per cent as compared with 23.7 per cent for the whole of India (1961 Census). Kerala has a very long tradition in imparting education on organized lines. Initiative in the spread of education was first taken by the Christian Missionaries during the middle of the last century. The State followed up by offering grant of aid to the missionary schools, and opening of new Government schools. 212
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1.50 While the State is in the forefront of India in general education, it is hardly so in the sphere of technical education. From the point of view of future industrialization programmes, the emphasis in future will have to undergo a shift in position. During the Second Plan period considerable progress has been made in opening a number of polytechnics and other technical institutions. Their impact, however, will only be felt during the Third Plan period when qualified technicians start coming out from these institutes. 874

1.51 The State is also fairly high up in the standard of its health services although in some of the indices of health service development it lags behind all-India standards. On the other hand the *ayurvedic* system has had a long established tradition in the State and is popular among the public. Some of the indices showing the relative state of development of medical facilities are given below: 744 ●

	India (Persons)	Kerala (Persons)
One doctor for	7,000	5,200
One nurse for	19,000	16,700
One hospital bed for	1,400	3,125

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Regional Disparities

1.52 Although the infra-structure as a whole is well developed in the State, it is not uniformly so all over the State. Economically, Malabar, which was previously a part of the Madras State, is on a distinctly different plane from the Travancore-Cochin area. Unlike the erstwhile States of Travancore and Cochin, Malabar did not receive the benefit of State patronage. At present Malabar is backward compared to Travancore-Cochin in terms of almost all the indicators of economic development. Both the transport and education system are not as well developed in Malabar as in Travancore-Cochin.¹ It lags behind industrially as well. Unemployment also seems to be higher in Malabar. This is corroborated by the much lower participation rate in the case of Malabar.² Under these circumstances, economic policy would undoubtedly have to pay due attention to the need for levelling up such wide disparities. 433*
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¹ Chapters on "Industries—Structure and Growth" and "Transport". (Nos. 9 and 8)

² Chapter on Manpower. (No. 11)

morning and evening and also in the leisure hours of the noon. I have often noted with interest the way in which even apparently illiterate people discuss among themselves the philosophy of life as preached in the Hindu sastras.

Village administration.—Panchayats were only introduced into the State in 1913. His Highness granted it as one of his boons during the celebration of his sixtieth birthday. "It is also my wish to revive, in commemoration of this occasion, the old village panchayat system which, I trust, will give facilities to the people to settle several matters of each village easily and quickly amongst themselves and give them some training in the art of self-government. It may also afford them better opportunities of representing their wants and grievances to the Darbar." With this Proclamation of His Highness the Raja begins the definition of the constitution and powers of the Village Panchayat Regulation.

Constitution.—Five members of whom the chief village officer of a revenue village (called locally "Parvathiakaran") is an ex-officio member. The rest are now nominated. It meets at least once a month.

POWERS.

I. Administrative.—(1) Maintenance and repairs of all minor irrigation works (i.e., works which do not require professional skill) below the cost of Rs. 500.

- (2) Maintenance of road avenues.
- (3) Maintenance of water-sheds.
- (4) Prevention of epidemic diseases.
- (5) Clearing and repairing of public wells and tanks.
- (6) Formation of Co-operative Credit Societies.
- (7) Improvement of public lanes and canals.

II. Judicial.—Civil disputes up to Rs. 50 with or without the consent of the parties, and up to Rs. 200 with the consent of the parties.

The judicial portion of the Regulation is still in abeyance and has not been brought into force in any panchayat in the State.

Even the administrative portion is applied only in three places in the taluk, since the rest have not sufficiently responded to the scheme. Watakancheri is still without a panchayat, though it is the headquarters of the taluk.

For executive work every taluk is under the direct administrative supervision of a Tahsildar (Revenue officer) who is also the Chief Treasury Officer. Until recently he was also a Magistrate, but this function is definitely taken away from him. Below him are Revenue Inspectors and village officers. The taluk in question, which has 74 villages, has 4 Revenue officers and more than 30 village officers. Watakancheri with an adjoining village is under a "Parvathiakaran" who collects the revenue and who has a clerk under him. This "Parvathiakaran" is paid Rs. 12 per month and his clerk Rs. 9. The revenue inspector supervises the survey work and collection work, and checks the village accounts. There are also a Munsif's Court and a Magistrate's Court in the village for the settlement of civil and criminal disputes.

Each taluk in the State has, as a rule, one Sanitary Inspector. The village officers should bring to the notice of the Sanitary

744 Inspector the outbreak of any epidemic. He makes tours in the villages; the two vaccinators in the taluk are under him. These vaccinators have to make tours in the taluk according to a programme previously laid down by the Sanitary Inspector. Public wells, tanks, cremation grounds, markets, cart-stands, etc., are also under his supervision. All towns which have no town-councils (and our town has not) are under health-officers, the Sub-Assistant Surgeon acting as the Health Officer. He attends to lighting.

625 *Police.*—Police administration is under a Sub-Inspector who has constables under him. He is under a Divisional Inspector (of whom there are three in the State) with a Superintendent of Police above him. There is, as a rule, one Sub-Magistrate for each taluk.

674 The official figures for the detection of crime are available only for a division of which there are three (A, B and C) in the State, and not for a village. The figures for the C Division, in which my village lies, are as follows:—

CASES.						PERSONS.						PROPERTY.					
1913-14.			1914-15.			1913-14.			1914-15.			1913-14.			1914-15.		
Charged.	Detected.	Per cent.	Charged.	Detected.	Per cent.	Tried.	Committed.	Per cent.	Tried.	Committed.	Per cent.	Lost.	Recovered.	Per cent.	Lost.	Recovered.	Per cent.
165	143	86	65	77	80	240	192	80	149	91	61	RS.	RS.		RS.	RS.	
												3,762	1,146	30	4,372	2,208	50
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178 *History and Prospects of the village.*—I see no signs of economic improvement in the past; nor is there much deterioration worth speaking about. There has been, however, an increase in population in recent times. There has been no diversity of occupation. The same routine of paddy cultivation goes on with the old primitive tools and implements. Much capital is not invested even for agricultural improvements for the excellent reason that the small landholders who form the majority cannot afford to experiment on a grand scale, and the few big landholders are sleeping partners distributing their holdings to small men for rent. Nevertheless there are opportunities for economic improvement. The establishment of co-operative credit societies is an urgent need. An "Agricultural Society" consisting of members of the occupation could be conveniently started to diffuse modern scientific ideas in agriculture by distributing pamphlets in the vernacular and discussing questions of importance. A little more attention could be given to the rearing of agricultural stock and the use of agricultural implements. As irrigation does not depend for the most part upon wells in our parts, there is no use in multiplying them.

434 People buy land because land is the best form of investment